



I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292**  
 P.O. Box 747 • Falls Church, Virginia 22040-0747  
 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
 YOU MUST  
 COMPLETE  
 THE  
 FOLLOWING:  
 ↓

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
 or Second Inventor:  
 Insert Name of  
 Inventor  
 Insert Date This  
 Document is Signed

Insert Residence  
 Insert Citizenship

Insert Post Office  
 Address

Full Name of Second  
 Inventor, if any:  
 see above

Full Name of Third  
 Inventor, if any:  
 see above

Full Name of Fourth  
 Inventor, if any:  
 see above

Full Name of Fifth  
 Inventor, if any:  
 see above

GIVEN NAME/FAMILY NAME Izumi KUMAGAI		INVENTOR'S SIGNATURE <i>J. Kumagai</i>	DATE* Sept. 12. 2003
Residence (City, State & Country) Miyagi, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) 9-307 Kawachi-zyutaku, 95 Kawauchimotohasekura, Aoba-ku, Sendai-shi, Miyagi 980-0861 JAPAN			
GIVEN NAME/FAMILY NAME Toshio KUDO		INVENTOR'S SIGNATURE <i>T. Kudo</i>	DATE* Sept. 10, 2003
Residence (City, State & Country) Miyagi, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) 8-33 Nakayama 5-chome, Aoba-ku, Sendai-shi, Miyagi 981-0952 JAPAN			
GIVEN NAME/FAMILY NAME Kouhei TSUMOTO		INVENTOR'S SIGNATURE <i>K. Tsumoto</i>	DATE* Sept. 12, 2003
Residence (City, State & Country) Miyagi, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) 13-14 Kameoka-zyutaku, Azaaoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0845 JAPAN			
GIVEN NAME/FAMILY NAME Ryutaro ASANO		INVENTOR'S SIGNATURE <i>R. Asano</i>	DATE* September 10, 2003
Residence (City, State & Country) Miyagi, Japan		CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) A102 Residence Cattleya, 9-3 Kikuta-cho, Aoba-ku, Sendai-shi, Miyagi 981-3332 JAPAN			
GIVEN NAME/FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME/FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			